From:	Chuck Hornaday < chornaday@terratherm.com>
Sent:	Friday, August 26, 2016 10:55 AM
To:	HarborComments
Subject:	Comments regarding the Portland Harbor Superfund Site Proposed Plan – June 2016
Attachments:	removed.txt; HB1100 Collateral.pdf
Comments regarding the Portland Harbor Superfund Site Proposed Plan – June 2016	
COCs posing greatest risk include; PCBs, PAHs, Dioxins, furans and DDT. All of these organic compounds are able to be treated thermally.	
thermal treatment has been treatment has proven to be treatment adjacent to wat creating temporary working area above the water leveral alternative. P 30. Ex-Situ Treatment. Los sediment sites to treat PCI should be considered as a constructed containment be temperatures sufficient to Treated sediments may powerall risk associated with The modular treatment be labor and reduces engines container and is capable of depending on contaminating from 15 to 30 days. More reduce overall project during A basic technology overviewed ducational webinar was reavailable to view: http://tep 31. Disposed Material Molocation of the DCF and hoteless above in the power of the	is unclear from the discussion provided in the proposed plan whether In-Situ en considered for river bank and shallow regions of the river. In-situ thermal be effective on the organic contaminants that are present at this site. Thermal ter bodies has been completed in the past through either dewatering or ng area by placing clean fill above the contaminated sediments to bring the sl. Remedial options should be opened to including this as a possible ow temperature thermal desorption has been demonstrated at other Bs, dioxins/furans and other persistent organic contaminants. This technology pplicable for this site. Sediments may be treated ex-situ either in specially piles or cells. Additionally, modular treatment boxes capable of treating to be treat the organic contaminants of concern are now commercially available. Obtaining the beneficially reused as a part of this project, this would reduce the continued liability of wastes disposed of at a subtitle C or D landfill. Doxes include re-usable, plug and play equipment which simplifies construction ering overhead. Each unit is approximately the size of a standard shipping of treating 100 cubic yards of contaminated soil in each treatment batch, which ion type/concentration as well as soil moisture content, can take anywhere units can be brought onto the site in order accommodate larger projects or to ration if this is an important factor being considered. Sew with case study results from a pilot-test is attached. Additionally, an recently presented on the t3echnology, and a recording of which is now the erratherm.com/resources/HB1100 Webinar.htm Can be considered as the constructed, in-situ thermal remediation (ISTR) could be considered as the risks associated with the contained waste. ISTR could potentially be fiter it is filled.
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